\$/0191/64/000/003/0017/0019 ACCESSION NR: AP4018160

AUTHOR: Medvedeva, P.A.; Gavurina, R.K.; Kevesh, A.A.; Voytovich, V.K.

TITLE: Cold curing of epoxy-polyester resin

SOURCE: Plasticheskiye massy*, no. 3, 1964, 17-19

TOPIC TAGS: epoxy polyester resin, curing, hardening, curing agent, inflammable fiberglas, self extinguishing fiberglass, initiator, accelerator, cold curing

ABSTRACT: The process of cold curing (at 18-22C) epoxy-polyester resin (EPR) (a mixture of epoxy ED-5 or ED-6 resin, styrene, and unsaturated polyester resins) was studied. The process is feasible with 2 types of mixed three-component curing agents: (1) organic peroxide + aromatic tertiary amine + organic dicarboxylic acid anhydride, or (2) organic hydroperoxide + organic salt of a variable valence metal + organic dicarboxylic acid anhydride. By varying the ratio of the initiator and accelerator components of the hardening agent, the curing time can be varied from 2-3 hours or more to 8 minutes. Inflammable fiberglas samples were prepared using

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ACCESSION NR: AP4018160

ASTT(b)S-8/3 glass cloth with an EPR (ED-5 + polyester made from ethylene glycol, maleic, and phthalic anhydrides and adipic acid) and benzoyl peroxide, dimethylaniline, and maleic or methyltetra-hydrophthalic anhydrides. Heat treatment at 125C for 5 hours and subsequently at 160C for 5 hours gave fiberglas with high mechanical strength, especially high static bending (4500-4800 kgs/cm²). Self-extinguishing fiberglas samples prepared similarly from chlorine-containing polyesters also had fairly high mechanical strength (static bending 3800-4400 kgf/cm²). "S. Ya. Lapteva participated in the experimental work." Orig. art. has: 5 tables

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 27Mar64

ENCL: 00

SUB CODE: MA

NO REF SOV: 005

OTHER: 000

2/2

ACCESSION NR: AP4042180

S/0190/64/006/007/1161/1166

AUTHOR: Lebedev, V.S., Gavurina, R.K.

TITLE: Synthesis and properties of the amphoteric copolymer of fumaric acid and 2-methyl-5-vinylpyridine

SOURCE: Vy*sokomolekulyarny*ye soyedineniya, v. 6, no. 7, 1964, 1161-1166

TOPIC TAGS: copolymer, fumaric acid, amphoteric copolymer, 2-methyl-5-vinylpyridine, electrodialysis, potentiometric titration, electrostatic charge, polymer solubility, polymer viscosi

ABSTRACT: A new amphoteric copolymer of fumaric acid and 2-methyl-5-vinylpyridine (1:4.2) was produced by polymerization of the monomers in methanol solution, initiated by azoisobutyrodinitrile, and conversion of the initial product to the hydrochloride. The "pure" copolymer, which contains no external salt (HC1), was obtained by high-voltage electrodialysis from the hydrochloride. The copolymer is insoluble in most organic solvents, but soluble in aqueous-alcoholic and aqueous-pyridine mixtures. The potentiometric titration curves for the hydrochloride of the copolymer in water, ethanol and in a 0.4 M KC1 solution show the functional relationship between the degree of dissociation and the pH. The concentration of hydrogen ions is determined by the ratio of the three dissociation constants corresponding to the dissociation of pyridine and the two levels of dissociation of the carboxyl groups. The titration curve of the hydrochloride of the copolymer coincides almost completely with that of the copolymer obtained by

ACCESSION NR: AP4042180

electrodialysis. This agrees with the fact that on the acid side of the titration curve, only the pyridine ions are titrated, and on the alkali side the carboxyl groups, while at the isoelectric point, the concentration of the dipolar ions is very low. Because of the weak alkalinity of the pyridine groups on the acid side, there is no break in the titration curve, whereas there is a pronounced break on the alkaline side and this break corresponds exactly to the stoichiometric equivalent of the carboxyl groups. Viscosimetric studies showed that dilution causes the viscosity to increase considerably as a result of the branching of polymer chains, because the counter-ions diffuse from the polyion and the effective charge and electrostatic repulsion increase. The effect of electrostatic charge on the variation in shape of the copolymer macromolecules and hence on viscosity is plotted, as is the relationship between the viscosity of the copolymer and the degree of ionization of acid and basic groups in water and in 85% ethyl alcohol. The minimal viscosity in 85% alcohol is 0.135 (for a polymer concentration of 0.879 g/100 ml). Orig. art. has: 4 figures, 1 table and 1 formula.

ASSOCIATION: Leningradskiy tekhnologicheskiy institut im. Lensoveta (Leningrad Engineering Institute)

SUBMITTED: 16Jun62

ENCL: 00

SUB CODE: OC

NO REF SOV: 002

OTHER: 013

· 2/2

ACCESSION NR: AP4042182

S/0190/64/006/007/1174/1180

AUTHOR: Lebedev, V. S., Loginova, N. N., Gavurina, R. K.

TITLE: Effect of the cis- and trans-configurations of ethylene-1.2-dicarboxylic acid on the properties of their copolymers with 2-methyl-5-vinylpyridine

SOURCE: Vy*sokomolekulyarny*ye soyedineniya, v. 6, no. 7, 1964, 1174-1180

TOPIC TAGS: dicarboxylic acid, ethylene-1.2-dicarboxylic acid, cis trans isomerism, copolymer, 2-methyl-5-vinylpyridine, maleic acid, fumaric acid, electrodialysis, polymer solubility, potentiometric titration

ABSTRACT: The viscosimetric and titration behavior of the copolymers of two stereoisomeric acids (maleic and fumaric) with 2-methyl-5-vinylpyridine were compared in order to clarify the effect of the spatial orientation of the carboxyl groups. The copolymer of maleic acid and methyl-5-vinylpyridine was obtained as the hydrochloride, and a "pure" copolymer was obtained from the latter by high-voltage electrodialysis. The analytical data agree well with the calculated values for a 1:3.3 ratio of monomers. This shows a good agreement between the composition of the hydrochloride and the "pure" copolymer. The copolymer

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ACCESSION NR: AP4042182

with maleic acid had a much greater solubility in organic solvents than that with fumaric acid. The content of carboxyl groups in the copolymer of maleic acid or fumaric acid with 2-methyl-5-vinylpyridine was determined under different conditions of titration. Regardless of the varying titration conditions, the copolymer of maleic acid was found to have half the expected number of carboxyl groups calculated by other analytical data. The viscosity of the copolymer of maleic acid and methyl-vinylpyridine was plotted against the dogree of neutralization of the acid and basic groups in aqueous solution, showing that the copolymer of maleic acid has the properties of a dibasic acid, while the copolymer of fumaric acid shows a behavior similar to that of polymonobasic acids. This behavior is apparently due to the different steric configurations of the carboxyl groups, as in the case of the monomeric stereoisomeric acids. In the copolymer with maleic acid, because of the small distance between the adjacent carboxyl groups, they affect one another considerably and react with themselves and with other units of the polymer molecules more intensively than in the case of the copolymer with fumaric acid. Orig. art. has: 4 figures, 2 tables and 1 structural formula.

ASSOCIATION: Leningradskiy tekhnologicheskiy institut im. Lensoveta (Leningrad Engineering Institute)

Card 2/3

| ACCESSION NR: AP4042182 | | | |
|-------------------------|-----------------|------------|--|
| SUBMITTED: 24Dec62 | | ENCL: 00 | • |
| SUB CODE: OC | NO REF SOV: 001 | OTHER: 010 | 4 |
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LEBEDEV, V.S.; GAVURINA, R.K.

Potentiometric titration of copolymers of maleic and fumaric acids with 2-methylvinylpyridine. Vysokom.sced. 6 no.8:1353-1358 Ag '64. (MIRA 17:10)

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta.

19/2 2/17

L 35346-66 EWT(m) DS/RM

ACC NR: AP6012717 (A)

SOURCE CODE: UR/0190/66/008/004/0713/0717

AUTHOR: Vasil'yeva, Ye. M.; Gavurina, R. K.

5/ B

ORG: Leningrad Institute of Technology im. Lensovet (Leningradskiy tekhnologicheskiy institut)

TITLE: Amphoteric ion exchange resins from copolymers of 2-methyl-5-vinyl-pyridine and from stereoisomeric ethylene-1,2-dicarboxylic acids

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 8, no. 4, 1966, 713-717

TOPIC TAGS: ion exchange resin, copolymer, fumaric acid, maleic acid, cation, polymerization

ABSTRACT: A study has been made of amphoteric ion-exchange resins from copolymers of 2-methyl-5-vinylpyridine and stereoisomeric dicarboxylic acids: fumaric and maleic acids. Comparison of two types of resins (fumaric and maleic acids) indicated that they differ considerably in polymerization behavior of comonomers, in potentiometric properties, in swelling capacity in an aqueous solution, and in sorption of cations.

Orig. art. has: 2 figures and 3 tables.

[NT]

SUB CODE: 11, 07/ SUBM DATE: 29Apr65/ ORIG REF: 005/ OTH REF: 006

Card 1/1/1/

UDC: 678.13+678.744+678.746

| ACC NR. AP6002210 (A) SOURCE CODE: UR/0153/65/00 AUTHOR: Gromov, V. V.; Cavurina, R. K. | 9 |
|--|--|
| AUTHOR: Gromov, v. v., Gavazzania | kituto im |
| ORG: Department of Plastic Technology, Leningrad Technological I Lonsovet (Kafedra tekhnologii plastmass Leningradskogo tekhnologi | |
| TITLE: Epoxy resins from N,N!-dialkyl substituted derivatives of | 4,4'-diamino- |
| diphenylmethane | |
| SOURCE: IVUZ. Khimiya 1 khimicheskaya tekhnologiya, v. 8, no. 5, | 1965, 834-839 |
| manya macca, energy plastic, nitrogen compound, organic synthetic | process , resin, |
| diphenyl compound, methane, thrown, in and N,N'-disopression ABSTRACT: Using N,N'-dimethyl-, N,N'-diethyl-, and N,N'-disopression at the compound of the compo | opyl-4,4'-diamino- |
| containing nitrogen were synthesized, while synthesis the condensation reaction of N,N'-dialkyldiamines the synthesis. The condensation of chlorohydrin. 2. del | with epichlorohydrin hydrochlorination |
| was performed in two tages (1. formation of chief the structure) and gave a product of the structure by alkali at room temperature) and gave a product of the structure. | |
| by alkali at room temperature) and gave a product of the charter o | |
| O LR A DI LA | on the ratio of the |
| The average magnitude of the degree of condensation (n) depended | |
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| Card 1/2 UDC: 67 | 8-65 |

L 39477-66

ACC NR: AF6002210

starting materials. At constant reaction conditions, the concentration of epoxy groups in the final products decreased with the increasing length of the alkyl substituents. In the first stage of the synthesis, the nature of the solvent affected the rate of the reaction. At 75-950 the rate decreased with the solvents: iscamyl alcohol> isopropyl alcohol >> benzene + isopropyl alcohol >>> benzene. Use of a benzene-isopropylalcohol mixture as the solvent in the second stage of the reaction made possible a replacement of a 44% solution by the solid NaCH. The dehydrochlorination reaction was practically accomplished within 3-4 hours. Curing with maleic anhydride (5 hours at 600) or 4,4 -diaminodiphenylmethane gave resins of approximately similar properties. Experimental procedure: one moleof diamine dissolved in 300 ml C6H6 was heated for 15 minutes at 85C and then a known amount of epichlorohydrin was added slowly (15 minutes) by drops to the solution; this was mixed at 850 for 15 hours. The clear light-brown solution of dichlorohydrin formed was cooled to 200, 2.4 M 44% NaCH solution was added gradually for each mole of the diamine, and this was mixed for 15 hours at 20-25C. The NaCl formed was removed and the reaction mixture was washed with H2O to a negative Cl reaction and a weak alkalinity of the wash water (pH 7.8 - 8.5). After distillation of the solvent (C6H6), epichlorohydrin, and residues of H2O, the resin formed was dried in a vacuum at 36 - 40C. Using C6H6 + isopropyl alcohol mixture as the solvent, the reaction was performed analogously with a reduction of the time of the dehydrochlorination with solid NaCH to 5 - 6 hours . Orig. art. has: 3 figs., 1 formula and 5 tables.

SUB CODE: 20,07/ SUBM DATE: 18Jul64/ ORIG REF: 010/ OTH REF: 010

Card 2/2/11/

1.30073-67 EM(E)/EF(5) ES/RH

ACC 1.R: AP6025927 (A) SOURCE CODE: UR/0413/66/C00/015/C090/CC90

INVANITORS: Vasil'yeva, Ye. M.; Gavurina, R. K.; Kolomeytsev, O. P.

ORG: none

TITLE: (Mothod for obtaining a chelate-forming ion-exchange rosin. Class 39, No. 18/451 / Announced by Tochnological Institute im. Lonsovet (Tekhnologicheskiy institut)

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 90

TOPIC TAGS: ion exchange resin, pyridine, chelation, resin

ABSTRACT: This Author Cortificate presents a method for obtaining a chelate-forming ion-exchange resin from aromatic ethylene derivatives, dihydrazide, 1,2-ethylenedicarboxylic acid, and divinyl bensene. To improve the complex-forming properties of the pyridine groups of the resin, 2-methyl-5-vinylpyridine is used as the aromatic ethylene derivative.

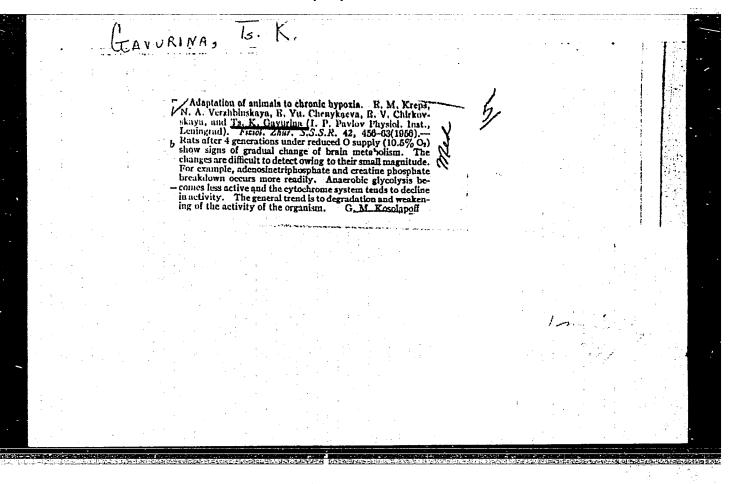
SUB CODE:07,11/ SUBM DATE: 09Apr65

Card 1/1 UDC: 661.183.123:678.766.5-139

GANUEINA, TS.E. KREPS, Ye.M.,; VERZHBINSKAYA, N.A.,; CHENYKAYEVA, Ye.Yu.,; CHIRKOVSKAYA, Ye.V.,: GAVURINA, TS.K. Adaptation of animals to chronic hypoxia; effect of adaptation to chronic hypoxia on the ceiling and on the rate of gas exchange with lowered oxygen content. Fiziol. zh. SSSR 42 no.1:69-77 Ja 56. (MLRA 9:5) 1. Laboratoriya sravnitel noy biokhimii Instituta fiziologii imeni I.P. Pavlova AN SSSR, Leningrad. (ANOXIA, experimental, prep. of animals (Rus))

AVUR INA TS.K. KREPS, Ye.M.,; VERZHBINSKAYA, N.A.,; CHENYKAYEVA, Ye.Yu.,; CHIRKOVSKAYA, Ye.V.,; CAVURINA, Ts.K. Preparation of animals for chronic hypoxia; effect of chronic hypoxia on contents of hemoglobin, myoglobin, cytochrome and on activity of cytochrome oxidase and carbonic anhydrase in the blood and tissue. (MLRA 9:6) Fiziol. zhur. 42 no.2:149-158 F 156. 1. Laboratoriya sravnitel'noy biokhimii Instituta fiziologii imeni I.P. Pavlova All SSSR, Leningrad. (ANOXIA, effects, on cytochrome, cytochrome oxidase, carbonic anhydrase, hemoglobin & myoglobin metab. (Rus)) (HEMOGLOBIN. myoglobin & hemoglobin in exper. anoxia (Rus)) (CYTOCHROMES. in exper. anoxia (Rus)) (OXIDASES. cytochrome in exper. anoxia (Rus)) (HYDRASES.

carbonic anhydrase in exper. anoxia (Rus))



AGEYEVA, A.P.; AKSENOVA-CHERKASOVA, A.S., aspiranka; VELIKANOV, L.N., bibliotekar'; GAVVA, F.M.; GIRENKO, P.D., Geroy Sots. truda; GUBANOV, M.M., pensioner; GUS'KOVA, T.K., nauchnyy sotr.; DAVYDOV, A.G., prepodavatel'; DANILEVSKIY, V.V., prof., dvazhdy laureat Stalinskoy premii; DOVGOPOL, V.I., laureat Stalinskoy premii; YELOKHIN, M.F.; YERMAKOV, A.D.; IVANOV, V.G., prepodavatel'; KOVALEVICH, V.K.; KOVALEVSKAYA, Ye.S., zhurnalistka; PANKRATOV, A.G.; POPOVA, F.M.; URYASHOV, A.V.; FEDORIN, I.M., kand. ist. nauk; FILIPPOV, F.R.; CHUMAKOV, N.P.; SHEPTAYEV, K.T., zhurnalist; VAS'KOVSKIY, O.A., kand. ist. nauk, retsenzent; KULAGINA, G.A., kand. ist. nauk, retsenzent; GORCHAKOVSKIY, P.L., prof., doktor biol. nauk, retsenzent; BAKHMUTOVA, V., red.; SAKNYN', Yu., tekhn. red.

[Nizhniy Tagil]Nishnii Tagil. Sverdlovsk, Sverdlovskoe knizhnoe izd-vo, 1961. 294 p. (MIRA 16:1)

1. Nizhne-Tagil'skiy krayevedcheskiy muzey (for Ageyeva, Gus'kova).
2. Zaveduyushchiy gorodskim otdelom narodnogo zdravookhraneniya,
Nizhniy Tagil (for Velikanov). 3. Zaveduyushchiy gorodskim sel'skokhozyaystvennym otdelom goroda Nizhniy Tagil (for Gavva).
4. Nachal'nik upravleniya stroitel'stvom Sverdlovskogo sovnarkhoza (for Girenko). 5. Deystvitel'nyy chlen Akademii nauk
Ukr. SSR, Leningradskiy politekhnicheskiy institut (for Danilevskiy).

(Continued on next card)

CHILINGARYAN, A.A.; CAVVA. Yo.G.

Composition of blood in connection with the age and growth of young cattle. Ixv.AH Arm.SSR.Biol.i sel'khoz.nauki. 4 no.10: (MIRA 9:8)

1. Institut shivotnovodstva Ministerstva sel'skogo khosyaystva Armyanskoy SSR. (Blood) (Cattle)

CIA-RDP86-00513R000514520001-3 "APPROVED FOR RELEASE: 07/19/2001

CHILINGALYAN, A.A.; GAVVA, Ye.G. Increasing the fat content of milk by feeding whole milk to heifers. Izv.All Arm. SSR. Biol. nauki 12 no.3:57-66 Mr 59.

(MIRA 12:9)

1. Institut zhivotnovodatva i veterinarii Ministerstva sel'skogo khozyaystva ArmSSR.

(HEIFERS—FEEDING AND FEEDING STUFFS) (ENTERFAT)

GAVVO, Yu., inzh.-mekhanik

Measures to increase the reliability of D.A.U. systems. Rech. transp. 21 no.9:30 S '62. (MIRA 15:9)

1. Gruppa flota Sudoremontnogo zavoda im. Lenina. (Marine engineering)

GAVYALIS, V. P. Cand Med Sci — (diss) "Stomach Cancer, the Immediate and Remote Results of Surgery, (Analysis of Observed Cases of Stomach Cancer in the Surgical Departments of the Vilnyus First Soviet Clinical Hospital from 1945 to 1957)," Vil'nyus, 1960, 24 pp, 250 copies (Keunas State Medical Institute) (KL, 47/60, 106)

B+1

L 46850-66 E/T(m)/T/E/P(t)/ETI IJP(c) DS/JD/GD

ACC NR: AT6024970 (N) SOURCE CODE: UR/0000/65/000/000/0137/0141

AUTHOR: Andryushchenko, F. K.; Gavyrina, N. N. 42

ORG: none

TITIE: Electrodeposition of a nickel-germanium alloy

SOURCE: AN SSSR. Otdeleniye obshchey i tekhnicheskoy khimii. Zashchitnyye metallicheskiye i oksidnyye pokrytiya, korrosiya metallov i issledovaniya v oblasti elektrokhimii (Protective metallic and oxide coatings, corrosion of metals, and studies in electrochemistry). Moscow, Nauka, 1965, 137-141

TOPIC TAGS: electrodeposition, nickel alloy, germanium alloy

ABSTRACT: The paper discusses the electrode processes involved in the deposition of Ni, Ge, and their alloys from electrolytes containing NH₄Cl as the main component and admixtures of free ammonia and ammonium oxalate, which formed ammine complexes. Polarization curves for the Ni-Ge alloy showed that when Ni and Ge are codeposited from an electrolyte containing 4.4 g/l Ni, 1.75 g/l Ge, and 250 g/l NH₄Cl, the charge of Ge ions is depolarized, and that of Ni ions is overpolarized. The optimum composition of the electrolyte from which an c-solid-solution-type-Ni-Ge alloy of great microhardness (810 kg/mm²) can be deposited was found to be: 10-12 g/l Ni_{met}, 125-130 g/l NH₄Cl, 0.45-0.5 g/l Ge_{met}, 150 ml/l (NH₄)₂C₂Q₄, t = 30-35°, cathodic current density 0.6 A/dm². Orig. art. has: 5 figures.

SUB CODE: 11,13/ SUBM DATE: 13Aug64/ ORIG REF: 002/ OTH REF: 006

27344

5.4700

\$/080/61/034/009/007/016 D204/D305

AUTHORS:

Sysoyev, A.N. and Gavyrina, N.N.

TITLE:

.Comparative investigations of Wertain electrochemical

properties of germanium and tin

PERIODICAL: Zhurnal prikladnoy khimii, v. 34, no. 9, 1961,

2001 - 2007

TEXT: The probability of the future application of non-aqueous electrolytes for the deposition of germanium and germanium alloys has prompted the authors to investigate certain electrochemical properties of germanium and tin. Tin was chosen as the object of comparison because its chlorides form complexes with ethylene glycol similar to those formed with germanium chloride; also, germanium and tin form alloys, the addition of small quantities of another metal to which may prevent the polymorphic transformation of tin (at approximately -130) which would permit a more reliable protection of tin-coated metals. Deposition of germanium was studied

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Comparative investigations of ...

by plotting polarization curves. A plate or a round of of copper was used as the cathode and a graphite rod of cylindrical shape and large surface area, as the anode. A saturated calomel halfcell was used as the reference electrode. The ethylene glycol used was distilled at 195-1970. GeCl for one series of experiments was synthesized from germanium dioxide and concentrated HCl, while the commerica-lly pure grade containing hydrochloric acid was used for another. The electrolytes used contained 1, 1.4 and 4 volume % GeCl, in glycol. The cathode processes were studied over wide ranges of current densities at 18 and 60° with and without agitation of the electrolyte. The duration of polarization for all experiments was 12 minutes. It was found that metallic germanium was deposited from a solution containing 4 volume % of anhydrous GeCl at 60° at current densities of 0.2 A/dm² and above, 0.3-0.4 A/Am² being the upper current density limit. At concentrations of 1 and 1.4 volume % at normal as well as elevated temperatures, a dark, smeary film forms at the cathode (probably GeO·nH₂O) with simulta-

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Comparative investigations of ...

neous evolution of hydrogen. The formation of a complex of the (CH₂OHCH₂O)₂GeCl₂-type does not cause the germanium deposition potential to be shifted in the negative direction. The polarization curves for tin have the typical form of the curves obtained during electrolytic deposition of germanium. Metallic deposits of a silvery white color are obtained from an electrolyte of SnCl₄·5d₂O in ethylene glycol containing 18 g/l Sn, at current densities of C₂2-1.5 A/dm². On further raising the current density, spongy deposits are obtained at current densities of 0.2-0.3 A/dm², and with further increase in current density, these are transformed to denarities. There are 7 figures and 11 references: 1 Soviet-bloc and 10 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: J. Srekoly, J. Electrochem. Shee, 98 8, 1951; C. Fink and V. Dorkras, J. Electrochem. Soc., 96, 80, 1949; D. Ovencach and F. Mathers, Trans. Electrochem. Soc., 64, 305, 1933; R. Blue and T. Mathers, Trans. Electrochem.

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Card 3/4

Comparative investigations of ...

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519, 1936.

SUBMITTED: August 29, 1960

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| | L 06372-67 EWT(m)/EWP(t)/ETI IJP(c) JD/HW |
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| | ACC NR: AP6027490 (N) SOURCE CODE: UR/0418/66/000/003/0079/0082 |
| | AUTHOR: Andryushchenko, F. K. (Candidate of technical sciences); Marchenko, H. A. |
| | (Candidate of technical sciences); Ionycheva, L. S. (Engineer); Gavyrina, M. M. |
| | (Engineer) |
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| ٠. | ORG: Mone |
| 4 | TITLE: Riectrodeposition of zinc and nickel alloys with rare metals |
| | Time: Mettrodeposition of Eine and mickel acroys with rate mounts |
| | SOURCE: Tekhnologiya i organizatsiya proizvodstva, no. 3, 1966, 79-82 |
| | la contrata de la filia de la companya de la contrata del contrata del contrata de la contrata del contrata del contrata de la contrata del |
| | TOPIC TAGS: indium containing alloy, germanium containing alloy, nickel base alloy, |
| | zinc base alloy, electrodeposition, electrochemistry |
| | Language m |
| ē. | ABSTRACT: The authors discuss the production of nickel-germanium and zinc-indium alloys by electrochemical methods. The joint precipitation of Ni and Ge requires com- |
| | plex electrolytes with a low germanium ion activity. The solution selected for this |
| , .* | purpose was a complex of ammonium chloride and ammonia water with and without additives |
| | of free ammonia and ammonium oxalate. The electrolyte was prepared by dissolving |
| | Ni(OH)2 and GeO2 in a saturated solution of ammonium chloride with heating no higher |
| | than 80°C. The concentration of electrolyte components was (g/L): 1:75-4.4 Ni, 1.75 Ge |
| | and 250 NH ₄ Cl. Polarization curves for separate precipitation of germanium and nickel show a shift toward more negative potentials for germanium. The curve for the alloy |
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ACC NR. AP6027490

with a nickel concentration of 4.4 g/t and a germanium concentration of 1.75 g/t is shifted toward more positive potentials in comparision with the curves for the individual metals. This indicates depolarization of the germanium ions and excess polarization of the nickel ions during joint precipitation. The addition of ammonium exalate and free ammonia improves the quality of the alloy deposition. The base for the electrolyte used in deposition of indium-zinc alloy was a terrrate complex of indium and zinc ammonium. A table is given showing the compositions of six electrolytes which were studied. The polarization curve for Zn-In is shifted toward positive values with respect to the curves for zinc and indium separately. Analysis of the polarization curves shows that the polarization for indium precipitation is considerably greater than that for zinc with an increase in current density. A high quality alloy containing 3-15% indium was produced with a current density of 0.5-1.0 a/dm² with the following electrolyte composition (g/t): metallic indium (in the sulfate) — 0.5; metallic zinc (in the sulfate) — 30; sodium sulfate — 50; ammonium sulfate — 25; sodium bitartrate — 20; and an aqueous solution of ammonia (25%) — 250 mm/t. This alloy has a higher resistance to corrosion than pure zinc plating. Orig. art. has: 1 table:

SUB CODE: 11/ SUBM DATE: None

Card 2/2 1

Conference of physicians of a military command. Voen.-med.
zhur. no. 1:95-96 Ja '60. (MIRA 14:2)

(ODESSA REGION-MEDICINE, MILITARY)

GAV'YUK, S. P. and KONSTANTINOVSKIY, A. F.

"Experience of the organization of the scientific research work of the medical personnel in the district" - p.~66

Voyenno Meditsinskiy Zhurnal, No. 3, 1962

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000514520001-3"

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| ï, | 15378-65 EWT(m)/EWP(w)/EWA(d)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c) Pf-L/Pad LJ | r(c) | | |
| J | S/0129/65/000/003/0017/0022 ACCESSION NR: AP5007001 46 | | | |
| | AUTHOR: Puckhov, B. I.; Rakhshtadt, A. G.; Rogel'berg, I. L.; Gavze, A. L. | | | |
| | TITLE: Hardening of copper and nickel alloys during prerecrystallization annealing, and softening with repeated deformation | | | |
| | SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 3, 1965, 17-22, and insert facing p. 25 | | | |
| | TOPIC TAGS: metal hardening, metal softening, anisotropy, metal physical property, plastic deformation |) | | |
| | ABSTRACT: The article discusses the effect of repeated deformation (carried out after prerecrystallization annealing) on the hardness of metals and alloys and their resistance to small plastic deformations. Nonremelted electrolytic nickel, a resistance to small plastic deformations. Nonremelted electrolytic nickel, a resistance alloy (aluminum bronze with 78 Al), and a two-phase precipitation single-phase alloy (aluminum bronze with 78 Al), and a two-phase precipitation. | | | |
| - | hardening alloy (beryllium bronze) containing 2.334 be alloyed annealing, and Strips of the alloys were rolled, subjected to prerecrystallization annealing, and Strips of the alloys were rolled, subjected to prerecrystallization annealing, and | | | . 1 |
| | and softening were evaluated from changes in markiness and temperature and softening were evaluated from changes in markiness and temperature and softening were evaluated from changes in markiness and temperature and tempe | | · Carrie | |
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ACCESSION NR: AP5007001

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softening was measured on specimens cut at different angles to the direction of rolling. Repeated deformation was found to cause considerable softening in all cases. Softening was most apparent in the fall-off of resistance to small plastic deformations. Repeated plastic deformation in the direction of the initial deformation raises the elastic limit, but does not change the anisotropy of the elastic limit. A change in the direction of the repeated deformation changes this anisotropy by increasing the hardening in some directions and softening the alloy in others. Repeated plastic deformation of alloys following the initial deformation and prerecrystallization annealing causes softening in all directions, but to different degrees. The type of anisotropy depends on the direction of the second deformation with respect to the first. The Konobeyevskiy-Rovenskiy effect is based on the fact that polygonization appears during prerecrystallization annealing and breaking up of the polygonized substructure during repeated deformation. This effect is general and inherent for both pure metals and alloys; changes in the fine structure of alloys are complicated by redistribution of component atoms, and therefore these changes have a more pronounced effect on softening and hardening in alloys. Orig. art. has: 4 figures.

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GAVZE, M.I., red.; BUDANOV, G.V., otv.za vypusk; REZNIKOV, A.I., otv.za vypusk; PEVZNER, A.S., red.izd-va; SOLNTSEVA, L.M., tekhn.red.

[Cost manual for assembling equipment] TSennik na montash oborudovaniia. No.10 [Communication, broadcasting, television, and signaling] Svias', radioveshchanie, televidenie i signalizatsiia. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam. 1958. 242 p. (MIRA 12:3)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva.

(Telecommunication -- Equipment and supplies)

GAVZE, M.I., inzh., red.; MUNITS, A.P., red.izd-ve; EL'KINA, E.M., tekhn.red.

[Standards of production for surveying and engineering research paid for as piece work] Normy vyrabotki na proektnye i izyskatel'skie raboty, oplachivaemye sdel'no.

Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.

materialam. Pt.24. [Communication and signalling] Pt.24.

Sviaz' i signalizatsiia. 1959. 197 p. (MIRA 13:1)

1. Russia (1923- U.S.S.R.) Ministerstvo svyazi. (Power engineering)

GAYZE, M.I. otv.red.; KISKLEVA, G.I., red.; KARABILOVA, S.F., tekhn.red.

[Temporary price list for equipment assembly] Vremennyi tsennik na montazh oborudovanija. Moskva, Sviaz'izdat. No.1. 1959.
24 p. (MIRA 14:2)

1. Russia (1923- U.S.S.R.) Ministerstvo svyazi. Gosuderstvennyy soyuznyy proyektnyy institut.

(Telecommunication-Equipment and supplies)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000514520001-3"

GAVZE, M.N.

UBSR/Metals - Steel, Mercury

Jan 52

"Effect of Mercury on the Surface of Steel at Elevated Temperatures," Acad N. T. Gudtsov, M. N. Gavze

"Iz Ak Nauk SSSR, Otdel Tekh Nauk" No 1, pp 67-71

Investigates Hg-steel and Hg-steel-0 systems at various temps, pressures and holding periods. Hg practically does not react with steel during contact period up to 1,400 hrs and temp up to 800°. Action of Hg on carbon steel was revealed only in presence of 0, causing successive sepn of scale layers from surface of steel. Expts permitted study of deterioration mechanism of tube walls in mercury instruments.

Dissertation: "Reaction of Steel With Mercury at Elevated Temperature." Cand Tech Sci, Inst of Metalluryg ineni A. A. Eaykov, Acad Sci USSR, 22 Apr 54. (Vechernyaya Noskva, Poscow, 13 Apr 54)

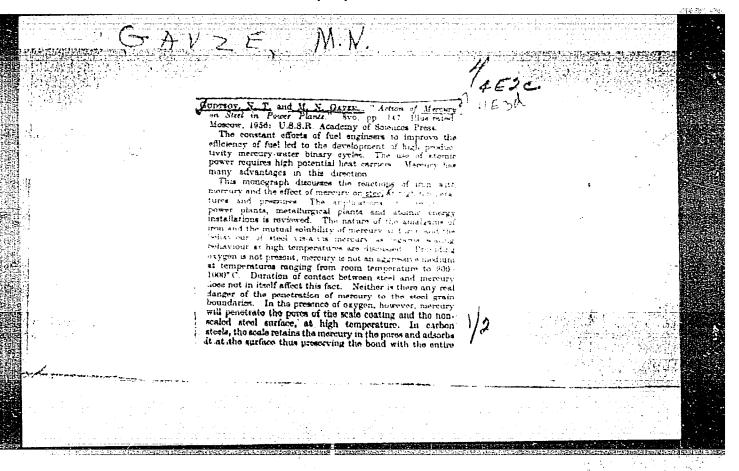
S0: SUM 2A3, 19 Oct 1954

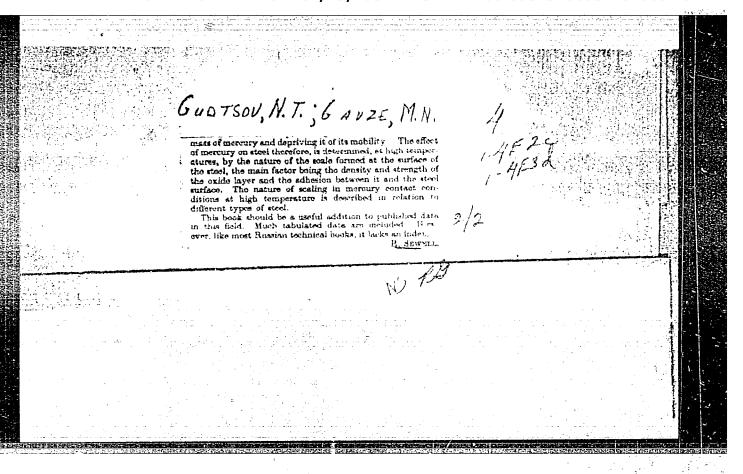
GUDTSOV, Nikolay Timofeyevich; GAVZE, Mariya Nikolayevna; MITIN, V.I., redaktor izdatel*stva; KISELEVA, A.A., tekhnicheskiy redaktor; KASHINA, P.S., tekhnicheskiy redaktor

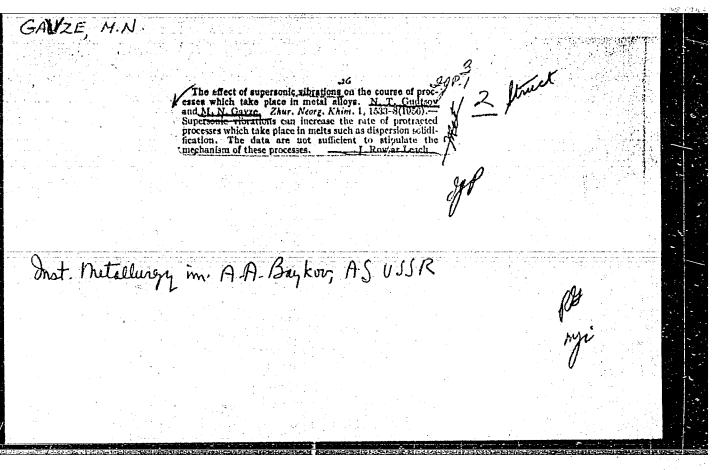
[The effect of mercury as heat conductor on steel in power installations] Vozdeistvie rtuti kak teplonositelia na stal' v energetiche-skikh ustanovkakh. Moskva, Izd-vo Akademii nauk SSSR, 1956. 146 p.

(Mercury)

(Power engineering)







s/509/62/000/010/002/005 I003/I242

AUTHOR:

Gavze, H.N.

TITLE:

The relation between the properties of low-alloy

Cr-Ni steel and its chromium content

SOURCE:

Akademiya nauk SSSR. Institut metallurgii. Trudy, no. 10. Moscow, 1962, 188-193. Metallurgiya,

metallovedeniye, fiziko-khimicheskiye metody

issledovaniya

TEXT: The constant need to save nickel stimulated the search for ways of developing steels with a low nickel content and with high strength, plasticity and hardness. In the present

Card 1/2

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The relation between the ...

work steels with a nickel content of about 1% and various amounts of chromium were investigated. The mechanical properties of steel steadily improve up to 2.5% of Cr. At a 3.5% Cr content a drop in strength accompanied by a rather sharp increase in plasticity takes place. The influence of chromium on the hardening of steel and on the mechanical properties of steel castings is very positive. The increase in strength is due partly to the carbide phase but even more so to the alloying of ferrite. There are 3 figures and 4 tables.

Card 2/2

GAVIZE M.N.

AID Nr. 981-10 3 June

EFFECT OF Cr IN Cr-Ni STEELS (USSR)

Gavze, M. N. IN: Akademiya nauk SSSR. Institut metallurgii imeni A. A. Baykova. Trudy, no. 11, 1962, 83-89. S/509/62/000/011/004/019

Experiments with seven steels containing 0. 34-0. 40% C, 0. 07-1. 12% Ni, and 0. 09-3. 39% Cr revealed that at a C content of 0. 40% and an Ni content of 1%, Cr increases the stability of austenite in the whole range of subcritical temperatures, especially at contents of 1. 5% and over. Hardenability is improved and the tensile and yield strengths are increased without a significant sacrifice in ductility. Moreover, with a Cr content of 3. 39% the high austenite stability makes it possible to use two-step quenching (cooling to 500°C, holding for 15 min, water quenching) or even ausforming (cooling to 600°C, plastic deformation with a reduction of 7 to 10%, oil quenching). Ausformed steel with 0. 40% C, 1. 10% Ni, and 3. 39% Cr had a tensile strength of 217. 4 kg/mm², yield strength of 178.1 kg/mm², elongation at 8.8%, and reduction of area of 33.5%. Corresponding figures for the same steel two-step quenched and tempered at 500°C are 176.9 kg/mm², 147.3 kg/mm², 9.3% and 37.3%, and for conventionally hardened and tempered at 500°C, 141.3 kg/mm², 121.1 kg/mm², 8.9%, and 43.4%. [DV].

Card 1/1

PHASE I BOOK EXPLOITATION

SOV/6505

Gavae, M. N. and N. T. Gudtsov

Vordeystviye rtuti kak teplonositelya na stal' v energeticheskikh ustanovkakh (Effect of Heat-Carrying Hercury on Steel in Power Plants). 2d ed., revised and enlarged. Hoscow, Izd-vo AN SSSR, 1963. 239 p. 2000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Gosudarstvennyy komitet po chernoy i tsvetnoy metallurgii. Institut metallurgii im. A. A. Baykova.

Resp. Ed.: I. A. Oding, Corresponding Member, Academy of Sciences
USSR; Ed. of Publishing House: Ye. N. Grigor'yev; Tech. Ed.: O. G.
Ul'yanova.

PURPOSE: This book is intended for engineers and scientific research workers specializing in the application of liquid-metal heat carriers and the employment of mercury in contact with metals.

Card 1/5

SOV/6505 Effect of Heat (Cont.) COVERAGE: The book reviews the fields of mercury application as a heat carrier and the problems of the interaction of mercury and its * vapors with steel at elevated temperature and pressure. Soviet and non-Soviet works related to this field are systematically surveyed and evaluated. The mechanism of the effect of mercury on steel is analyzed and explained in relation to the selection of steel types suitable for use in a mercury medium. Problems of wetting steel walls with mercury alloyed with surface-active elements are discussed, and data on the interaction of mercury with various metals are presented. 'No personalities are mentioned. There are 57 references: 40 Soviet, 10 English, and 7 German. TABLE OF CONTENTS: Lorenord Introduction

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工作 化邻苯酚 化氯磺胺磺酸

EWT(m)/EWP(w)/EWA(d)/EWP(t)/EWP(b) ASD(m)-3 MJW/JD/MLK s/0000/64/000/000/0199/0201 ACCESSION NR: AT4045995 BH AUTHOR: Prokoshkin, D. A.; Gavze, M. N.; Baranov, G. N. TITLE: Effect of alloying additions on certain mechanical properties of austentic chromium-nickel-manganese steel of the 14-6-9 type at room and subzero temperatures, AN SSSR. Institut metallurgii. Issledovaniya metallov v zhidkom i tverdom sostoyaniyakh (Research of metals in liquid and solid states). Hoscow, Izd-vo Nauka, 1964, 199-201 TOPIC TAGS: chromium nickel manganese steel, EI100 steel, EI100 steel property, EI100 steel additional alloying ABSTRACT: The effect of additional alloying of the chromium-nickelmanganese austentic steel of the 14-6-9 type (EI-100) has been studied in an attempt to increase the yield strength without affecting the austentic structure, and consequently the ductility, at temperatures from 500C to -196C. The alloying additions included 0.16-6.22% N, 0.03-0.16%C, 1.96 and 2.0% Cu, 2% Co, 1.66% V, 1.80 and 2.03% W, or Card 1/3

L 16586-65 ACCESSION NR: AP4045995

1.78% Mo. Steels were melted in an induction furnace, forged, annealed at 1150C, water quenched, and tested at room temperature and at -196C, it was found that additional alloying with elements substitutional solid solutions has no affect on yield strength. Alloying with elements forming interstitial solid solutions, and as carbon and nitrogen, produces better results. The increase of carbon content, especially when combined with addion of nitrogen raises the yield strength of of steel. However, while C and N have no adverse effect on steel ductility at room temperature, they lower the notch toughness considerably at -196C when the content of carbon is increased to 0.07%. Although the notch toughness remains at a satisfactory level, it may drop below this level as a result of the precipitation of carbides occuring at the upper level of operational temperatures, 500C. It follows therefore that the steel under investigation, cannot serve as a lease for high-strength steels suitable for operation in the temperature range from 500C to -196C. Corig. art. has: 3 tables

ASSOCIATION: none

Card 2/3

L 16586-65
ACCESSION NR: AP4045995
SUBMITTED; 19May64 ENCL: 00 SUB CODE: MM
NO REF SOV: 001 OTHER: 002

ACCESSION NR: AP4029837

s/0279/64/000/002/0143/0148

AUTHOR: Gavze, M. N. (Moscow)

TILE: The effect of mercury covering on the breakdown character of steel samples

SOURCE: AN SSSR Izv. Metallurgiya i gornoye delo, no. 2, 1964, 143-148

TOPIC TAGS: steel, mercury, microscopic crack, breakdown, stress, surface active medium, alloy, metal, amalgam

ABSTRACT: Of the three stages of metal breakdown (microscopic cracks, propagation of the cracks, and large-scale breakdown of the metal) the author investigated the last two fields. The effect of mercury amalgam on the mechanical properties of various types of steels is presented in a table, as well as the chemical composition and heat treatment of samples of the investigated brands of steel. An experiment demonstrated the effect of the adsorption effect in its pure form on a sample of non-interacting metal systems under room temperature conditions. A re-examination of certain established positions on the physico-chemical properties of embrittling liquid-metal media was accomplished. It was noted that the examined system is an interesting object for research in the realm of physico-chemical mechanics and especially for the study of a mechanism of friable breakdown of metals on samples of

Card 1/2

| iron, nickel and their alloys which are basic construction materials for operation at high, medium, and low temperature under high load conditions. By having permitted friable breakdown of metal, such operations may prevent serious accidents. Orig. art. has: 2 tables and 3 figures. | | | |
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| ASSOCIATION: none | | encl: 00 | |
| SUBMITTED: 24May63 | DATE ACQ: 30Apr64 | | |
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| I. 13813-66 EWT(m)/EWP(t)/ETI IJP(c) JD/HW/JG ACC NR. AP6030607 (A,N) SOURCE CODE: UR/0413/66/000/016/0095/0095 HOLD HW/JG SOURCE CODE: UR/0413/66/000/016/0095/0095 HOLD HW/JG SOURCE CODE: UR/0413/66/000/016/0095/0095 HOLD HW/JG SOURCE CODE: UR/0413/66/000/016/0095/0095 | |
|---|---|
| ORG: none ORG: hethod of applying mercury coatings to iron, steel, nickel and nickel alloy. | |
| Class 40, No. 103007 10 | |
| TOPIC TAGS: mercury, costing, fron costing, steel conting, | |
| ABSTRACT: This Author Certificate introduces a method of applying mercury coatings to iron, steel, nickel and nickel alloys by treating the metal parts with mercury in to iron, steel, nickel and nickel alloys by treating the metal parts with mercury in a constantly stirred hydrochloric acid solution. To apply the coating to metals a constantly stirred hydrochloric acid solution. To apply the coating to metals a which are not wettable by or do not react with mercury, or to oxidized metal surface which are not wettable by or do not react with mercury, or to oxidized metal surface which are not wettable by or do not react with mercury, or to oxidized metal surface which are not wettable by or do not react with mercury, or to oxidized metal surface which are not wettable by or do not react with mercury in a surface which are not wettable by or do not react with mercury in a surface which are not wettable by or do not react with mercury, or to oxidized metal surface which are not wettable by or do not react with mercury, or to oxidized metal surface which are not wettable by or do not react with mercury, or to oxidized metal surface which are not wettable by or do not react with mercury, or to oxidized metal surface which are not wettable by or do not react with mercury, or to oxidized metals. |] |
| SUB CODE: 13/ SUBM DATE: 24Apr63/ ATD PRESS: 5077 | |
| Card 1/1 fv UDC: 669.791.5 | |

GAVZE, R.I.

Emphysema of the cheek. Stonatologiia no.4:62 J1-Ag '55 (MLRA 8:10)

1. Iz stomatologicheskogo otdeleniya (zav. R.I.Gavze) Chistoprudnoy polikliniki No.7. Kuybyshevskogo rayona Moskvy (glavnyy vrach V.A.Mash'yanova) (EMPHYSEMA)

GAVZHAK, Z.

SOV/124-57-8-8913

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 8, p 49 (USSR)

AUTHORS: Galeyev, A.F., Kurmanayevskiy, V.V., Gavzhak, Z.

TITLE: Contribution to the Determination of the Velocity of Motion of a

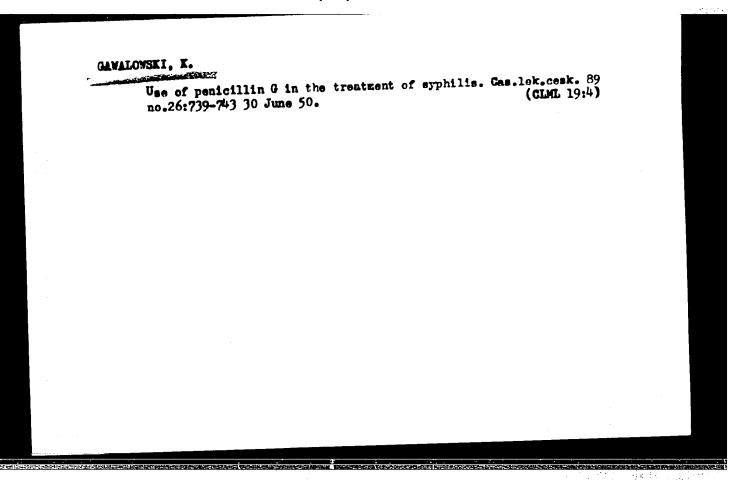
Substance Within the Conical Bowl of a Centrifuge (K voprosu opredeleniya skorosti dvizheniya materiala po konicheskomu

barabanu tsentrifugi)

PERIODICAL: Tr. Kazansk. khim. - tekhnol. in-ta, 1956, Nr 21, pp 195-208

ABSTRACT: Bibliographic entry

Card 1/1



GATALONSKI, K.

Notes on the pathogenesis of eczema. Cesk. derm. 26 no.10:424-432 (CIML 22:1)

1. Of the First Dermatological Clinic (Head--Prof. K. Gawalowski, M.D.)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000514520001-3"

GAWALOWSKI, K.

New method of registration in syphilis. Cesk. derm. 28 no.6:240-246 June 1953. (CIML 25:4)

1. Of the First Dermatological Clinic (Head--Prof. Gawalowski, M.D.)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000514520001-3"

gamlenski, K. GAWALOWSKI, K., Prof. MUDr Indications of penicillin preparations in venerology. Prakt. lek., Praha 34 no.7:159-160 5 Apr 54. (VENUERAL DISEASES, therapy *penicillin prep.)
(PENICILLIE, therapeutic use *venereal dis.)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000514520001-3"

GAWALOWSKI, K.; NOVAK, J.; PROCHAZKA, K. "Indication of Penicillin Therapy in Dermatology." p. 194.

(Casopis Lekaru Ceskych. Vol. 93, no. 8, Feb. 1954. Praha.)

East European Vol. 3, No. 6

So: Monthly List of AMALAN Accessions,/Library of Congress, June 1953, Uncl.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000514520001-3"

GAWALOUSKI, K.

"Instructions for the use of penicillin therapy in venereology." p. 273. (Casopis Lekaru Ceskych, Vol. 93, no. 11, March 1954, Praha.)

SO: Monthly List of East European Accessions, vol. 3, no. 2, Library of Congress, June 1954, Uncl.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000514520001-3"

GAWARECKI, H.

From the history of Lublin. p. 463, (WIEDZA I ZYCIE, Vol. 21, No. 7, July 1954 Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5 May 1955, Uncl.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000514520001-3"

CAMART, T.

Tarn doubler William. 370

PRESCRIPTION NO. 1102Y. (Stowarzyszenie insynderow i Technikow irzemysłu Włokienniczego) Lodz, Foland. Vol. 13, No. 7, Jul 199.

Southly list of East Aurolean Accessions (ELAI) 10, Vol. 9, No. 2, Feb. 1959.

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| GAWART, I | adeusz |
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Development of the looms used in the Saurer Manufacture. Przegl Wlokien 16 no.2:86-88 F '62.

1. Centralne Biuro Techniczne Przemyslu Maszyn Wlokienniczych, Lodz.

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CAMECKA, G.

"Tag's of the Association of Engineers and Technicians of the Chemical Industry"
p. 276 (Chemik, Vol. 6, No. 10, Oct. 1953, Katowice)

East European Vol. 3, No. 3

So: Monthly List of Handley Accessions, Library of Congress, March 1953, Uncl.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000514520001-3"

GAWECKA, Irena; KRUS, Stefan; REWERSKI, Wojciech

Effect of certain antibiotics (streptomycin, neomycin, terramycin) on functional and morphological changes of the kidney in experimental animals. Pol. arch. med. wewnet. 35 no.5:627-631 165.

1. Z Zakladu Farmakologii Eksperymentalnej AM w Warszawie (Kierownik: prof. dr. med. P. Kubikowski) i Zakladu Anatomii Patologicznej AM w Warszawie (p. o. Kierownika: doc. dr. med. R. Walentynowicz-Stanczyk).

MEDUSKI, J.; LINDE, A.; GAWECKA, I.

The effect of washing heart muscle brei on its biological activity.

II. Citric acid metabolism in washed brei. Acta physicl. polon. 3 Suppl.

3: 284-285 1952. (GLML 24:1)

1. Of the Department of Secondary Changes of the Biochemistry Division (Head--Prof. Josef Heller, M.D.) of the State Institute of Hygiene.

MEDUSKI, J.; PIECHOCKI, T.; GAWECKA, I.; LINDE, A.

Inactivation of strophantin K by the heart muscle in vitro and its relation to citric acid metabolism. Acta physiol. polon. 3 Suppl. 3: 287-292 1952. (CIML 24:1)

1. Of the Department of Secondary Changes of the Biochemistry Division (Head--Prof. Josef Heller, M.D.) of the State Institute of Hygiene.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000514520001-3"

GANECKA, I.; VENULET, J.; WOJNAROWSKA, M.; ZAKRZEWSKI, K.

Sufonated dextran with heparin-like action. Acta physiol. polon.
5 no.4:648-649 1954.

1, Z Instytutu Hematologii w Warszawie. Dyrektor: dr. I.Trojanowski.
Z Instytutu Lekow w Warszawie. Dyrektor: prof. dr P.Kubikowski.
(IMATRAM,
sulfone-treated prep., heparin-like eff.)
(SULFONES, effects,
on dextran, heparin-like eff. of sulfonated dextran)

GAWECKA, TRENA

Investigations of thromboplastic substances. Acta physiol. polon. 5 no.4:652 1954.

GAWECKA, I .. WOJCIK, R.

Observations on the problem of biological and statistical evaluation of the activity of cardiac glycosides. Acta physiol. polon. 10 no.3:423-434 May-June 59.

1. Z Zakladu Farmakologii Instytutu Lekow w Warszawie Kierownik: dr. J. Venulet. (CARDIAC GLYCOSIDES, pharmacol.)

GAWECKA, Irena; SZMAL, Zdzislaw; WOJCIK, Ryszard

Evaluation of biological method for the determination of adrenalin in drugs. Acta physiol.polon. 11 no.3:457-468 My-Je *60.

1. Z Zakladu Farmakologii Instytutu Lekow w Warszawie Kierownik: doc. dr J. Venulet. (EPINEPHRINE dhem)

GAWECKA, Irena; WOJCIK, Ryszard

Studies on the effect of pigeon's weight and of the time of determination on the biological activity of Digitalis purpurea. Acta physiol. Pol. 13 no.1:217-226 62.

1. Zaklad Farmakologii Instytutu Lekow w Warszawie Kierownik: doc. dr J. Venulet Katedra Statystyki Matematycznej SGGW Kierownik: prof. dr Z. Nawrocki.

(DIGITALIS pharmacol)

SZYMANSKA, Alina; GAWECKA, Irena; REWERSKI, Wojciech

Studies on the suitability of polyvinyl alcohol for wound dressing purposes. Acta pol. pharm. 19 no.4:363-368 '62.

1. Z Instytutu Lekow w Warszawie Dyrektor: prof. dr P. Kubikowski Z Zakladu Farmakologii Akademii Medycznej w Warszawie Kierownik: prof. dr. Rabikowski.

(POLYVINYLS) (BANDAGES) (WOUNDS AND INJURIES)

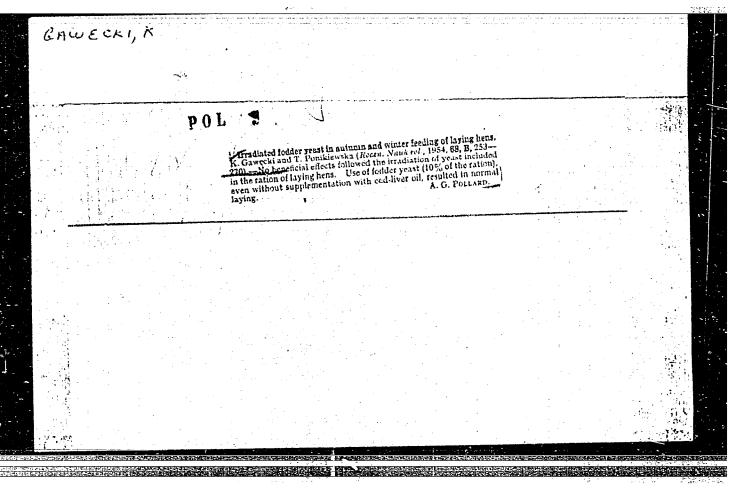
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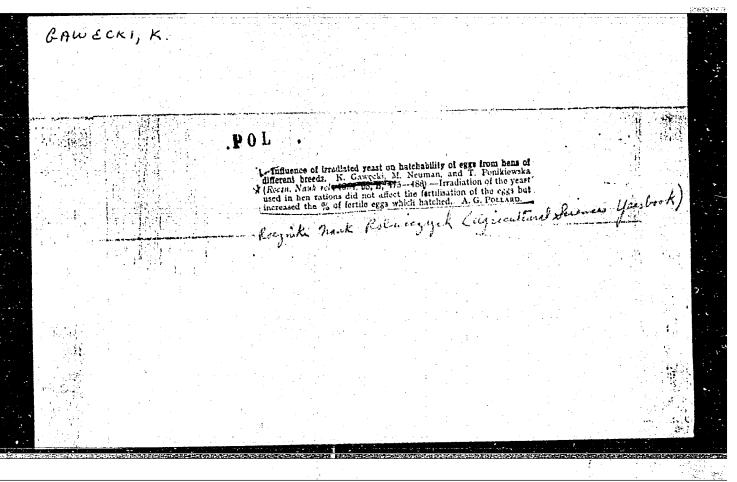
GAWECKA, Irena

The effect of toluidine blue on reactions of animals to pyrogens obtained from E. coli. Acta physiol. Pol. 16 no.2:303-314 Mr-Ap 65.

1. Zaklad Farmakologii Eksperymentalnej Akademii Medycznej w Warszawie (Kierownik: prof. dr. P. Kubikowski).

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000514520001-3"





GAWECKI, Kazimierz; LIPINSKA, Hanna

Green plants silage used for feeding chicks. Roczniki Wyz
Szkola Rol Poznan no.12:153-160 '62.

l. Katedra Zywienia Zwierzat, Wyzsza Saxola Rolnicza, Poznan.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000514520001-3"

GAWECKI, Kazimierz; LIPINSKA, Hanna

Studies on the influence of achromycin and terramycin on the productivity of laying hens and the hatchability of hen eggs. Roczniki wyz szkola rol Poznan 17:73-89 '63.

1. Department of Animal Feeding, College of Agriculture, Poznan.

GAMECKI, Kazimierz, prof. dr; FFELICK, Aleksandra; PONESTIWSKA, Teresa

Use of dried sugar-best pulps with added residue of distilled molasses in feeding ruminants. Zeez probl post nauk rolm no.41:121-126 163.

l. Katedra Zywienia Zwierzat, Wyzana Szkola Rolnicza, Poznan. Kierownika prof. K. Gawecki.

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POL. \$\frac{72721}{2721}\$. Feeder systems for urban low-voltage closed grid networks. Z. GANCKE. \$Preyight clektrotech.
30, No. 11, 473-80 (1933) it for Polish.

A large town supply system is divided into separate regions, e.c. to containing from 20 to 50 transformers rated from 250-650 kVA. Power to these transformers is supplied through subtrarsanksion cables at 15kV. On the l.v. side the transformers are interconnected by 115 V closed grid networks. Service reliability, circuit flexibility, short circuit requirements, voltage regulation, capital investment and operating costs are compared for three alternative subtransmission systems; radial, double-feed and multi-feed.

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Automatic reserve connection in city networks.

P. 12, (Przeglad Flektrotechniczny. Vol. 32, no. 1, Jan. 1956, Warszawa, Poland)

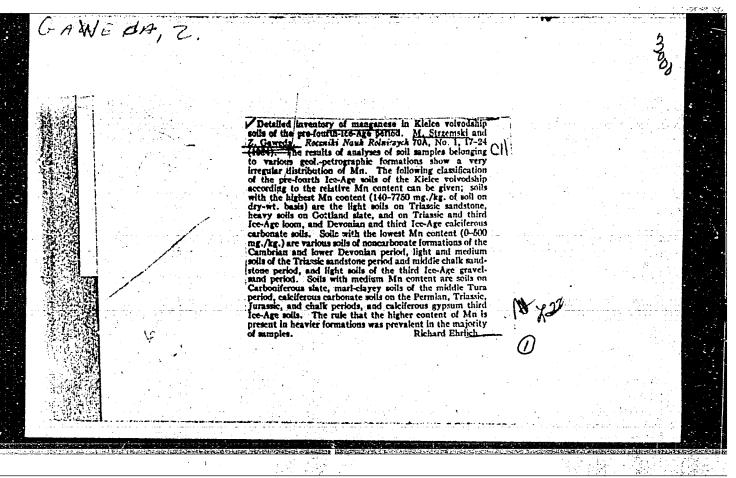
Monthly Index of East European Accessions (EFAI) LC. Vol. 7, no. 2, February 1958

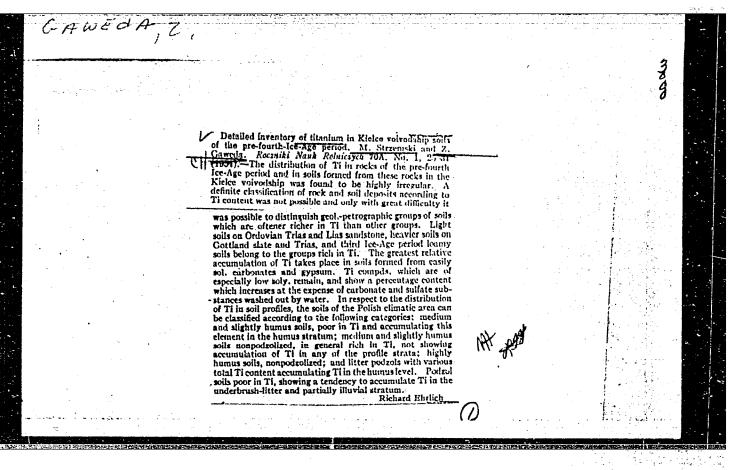
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(Grasses) (Nitrogen)

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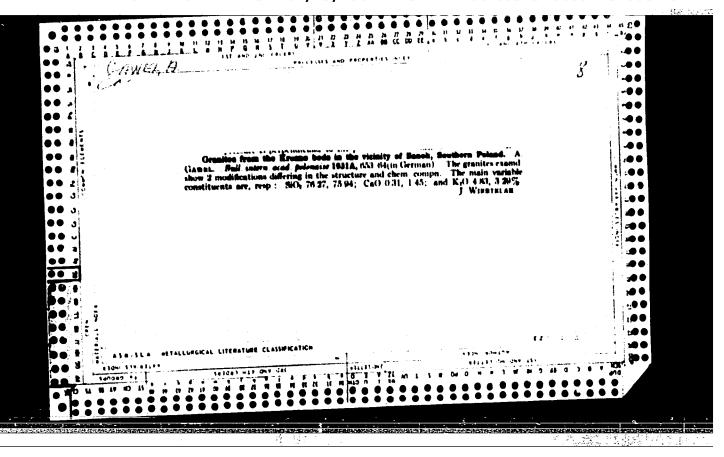


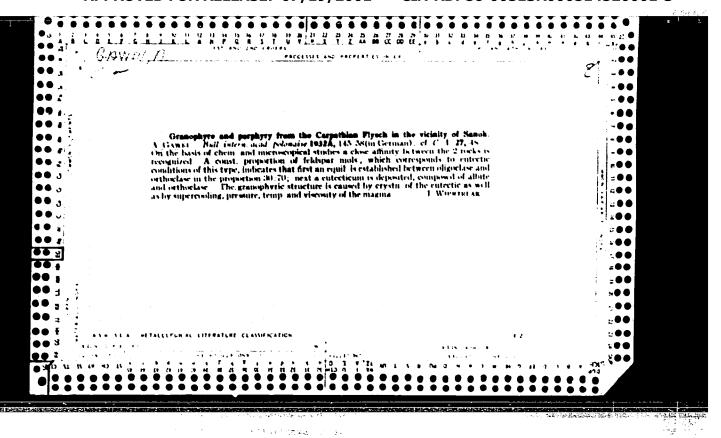
SIUTA, Jan; GAWEDA, Zygfryd

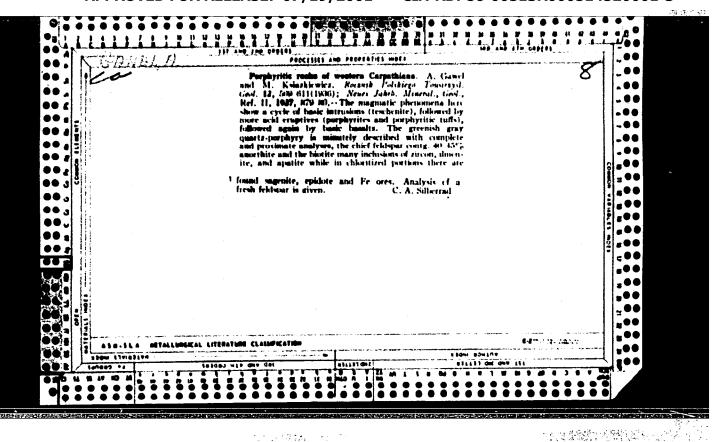
Origin and chemical composition of the ferroginous soil concretions. Rocz nauk roln rosl 84 no.1:15-34 161.

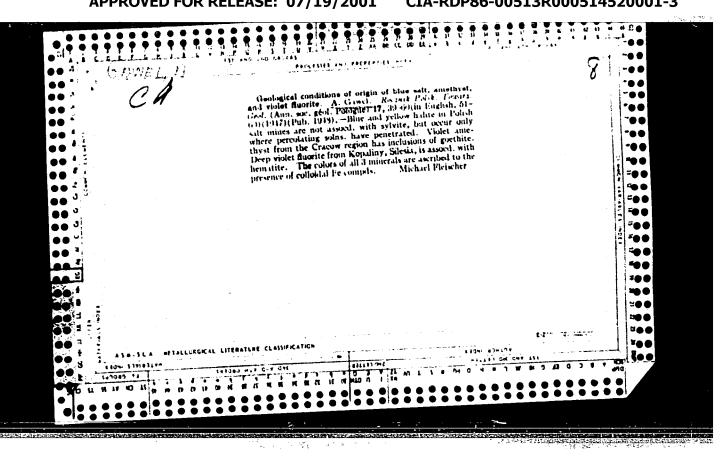
1. Pracownia Chemii Gleb Zakladu Gleboznawstwa, Instytut Uprawy, Nawozenia i Gleboznawstwa, Pulawy.

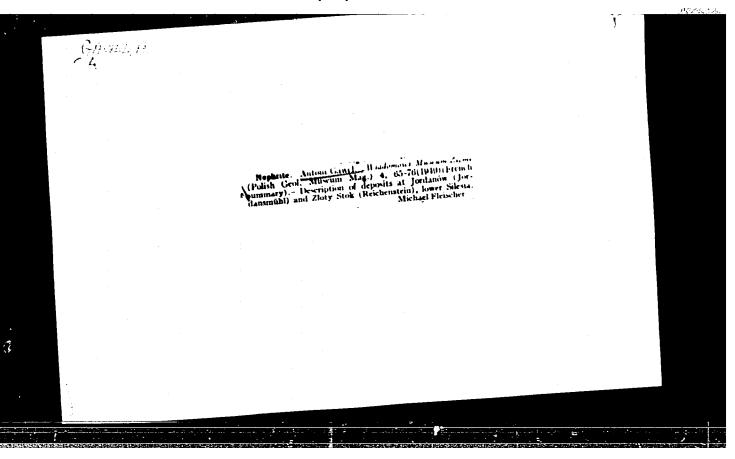
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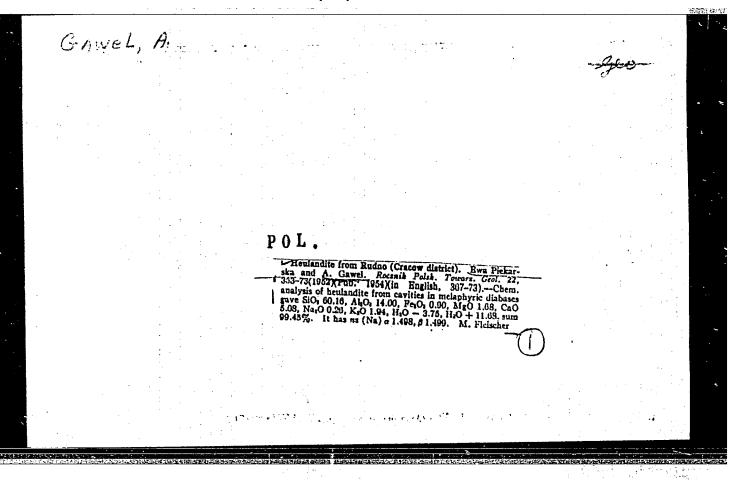


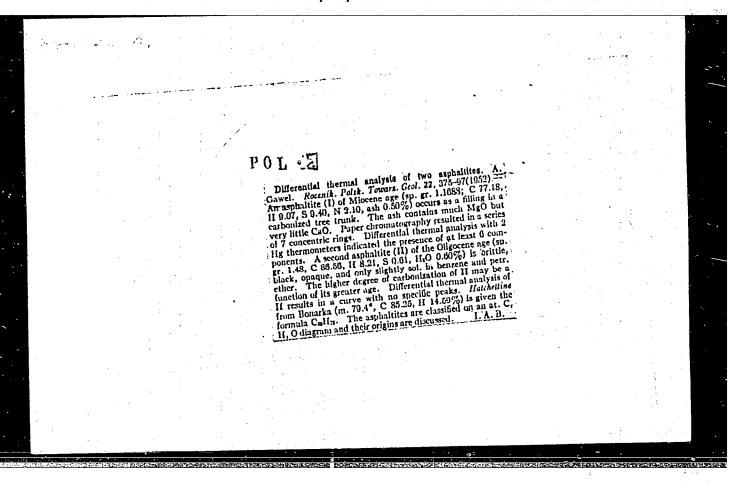


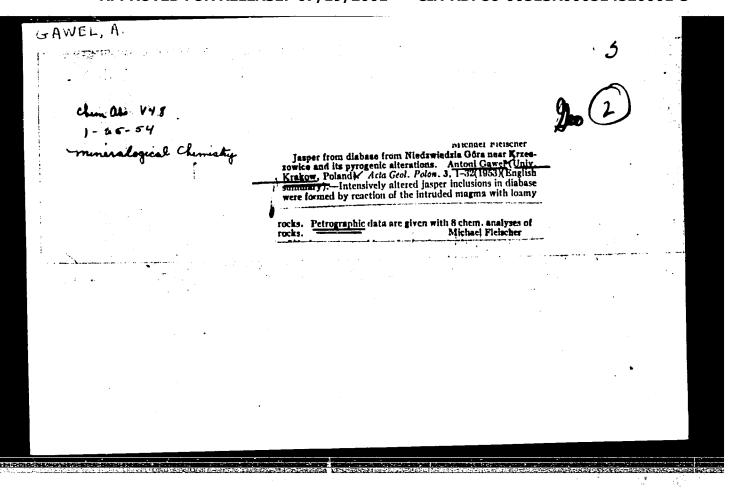






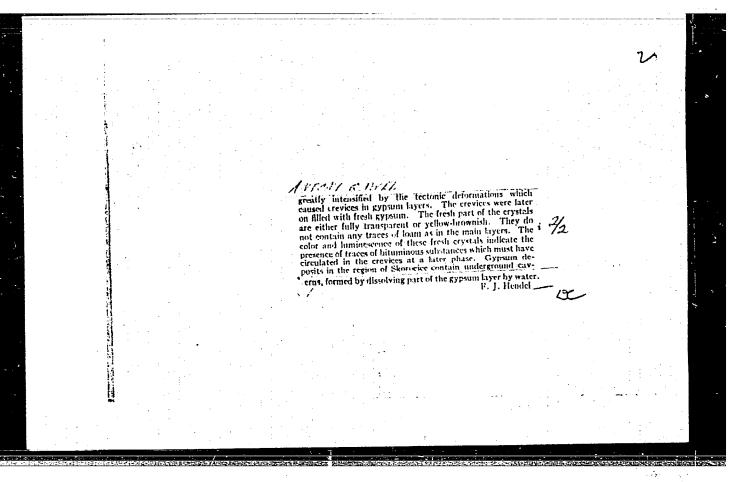






POL.

Grysum descrits in southern Poland. Anticil Clawell
Commellia proceeding Tital). 117-22 (1855).—The tright of the commellia proceeding the count Mila, Busko, Lopuszka, Mielec, grysum departs around Mila, Busko, Lopuszka, Mielec, south sandy loans in a thickness of approx. 50 m. were described in the area of sub-Carpathian Miccenig, greenish sandy loans in a thickness of approx. 50 m. were described in the area of the control of the depart of the control of the depart of the control of the control of the depart of the control of the depart of the control of the lagoon water and the control of the lagoon water with fresh sea water. It is also possible that the control of the lagoon water with fresh sea water. It is also possible that the control of the lagoon water, instead of being dild., was further control of the lagoon water, instead of being dild., was further control of the lagoon water, instead of being dild., was further control of the lagoon water, where NoI was not of Milect, or grysum, as in any drive, where NoI was not of Milect, or grysum, as in any drive, as in their Larve the receding sea left lagoons which on evape, to 65 NoIC started to deporit grysum had growing any water so that the deposition of grysum season geologically very long. This enabled the crystals of grysum grow upwards and reach even 3 m. in softsunderwent a secondary recrystal was grown wards and reach even 3 m. in softsunderwent a secondary recrystal was of the popusies. In the latter me the secondary recrystal was of Departs of the popusies. In the latter me the secondary recrystal was an expert of Secondary recrystal was a



GAWEL. A.

"Stanislaw Staszic (1755-1826)."

p. 369 (Rocznik) Vol. 25, no. 4, 1955 (published 1957)
Krakow, Poland

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